

Springer

1st
edition1st ed. 2020, XXVI, 409 p.
142 illus., 112 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-3-030-39957-3

\$ 169,99

Available

Discount group

Professional Books (2)

Product category

Contributed volume

Series

Genetic and Evolutionary Computation

Other renditions

Softcover

ISBN 978-3-030-39960-3

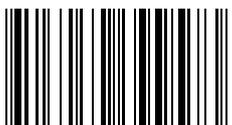
Computer Science : Artificial Intelligence

Banzhaf, W., Goodman, E., Sheneman, L., Trujillo, L., Worzel, B. (Eds.)

Genetic Programming Theory and Practice XVII

- Provides contributions describing cutting-edge work on the theory and applications of genetic programming (GP)
- Offers large-scale, real-world applications (big data) of GP to a variety of problem domains, including commercial and scientific applications as well as financial and insurance problems
- Explores controlled semantics, lexibase and other selection methods, crossover techniques, diversity analysis and understanding of convergence tendencies

These contributions, written by the foremost international researchers and practitioners of Genetic Programming (GP), explore the synergy between theoretical and empirical results on real-world problems, producing a comprehensive view of the state of the art in GP. In this year's edition, the topics covered include many of the most important issues and research questions in the field, such as: opportune application domains for GP-based methods, game playing and co-evolutionary search, symbolic regression and efficient learning strategies, encodings and representations for GP, schema theorems, and new selection mechanisms. The volume includes several chapters on best practices and lessons learned from hands-on experience. Readers will discover large-scale, real-world applications of GP to a variety of problem domains via in-depth presentations of the latest and most significant results.

Order online at springer.com/booksellers**Springer Nature Customer Service Center LLC**233 Spring Street
New York, NY 10013
USAT: +1-800-SPRINGER NATURE
(777-4643) or 212-460-1500customerservice@springernature.com

ISBN 978-3-030-39957-3 / BIC: UYQ / SPRINGER NATURE: SCI21000

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**